

02570 U.S. PTO
020304Please type a plus sign (+) inside this box → ☐PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	D-487
First Inventor	Edward J. Simburger
Title	See 1 in Addendum
Express Mail Label No.	EU725475151

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **28**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **5**]
5. Oath or Declaration [Total Pages **8**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar label here) or ☒ Correspondence address below

Name	The Aerospace Corporation, Ms. Carole A. Mulchinski				
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Country	U.S.	Telephone	310-336-6709	Fax	310-336-0285

Name (Print/Type)	Derrick Reid	Registration No. (Attorney/Agent)	32,096
Signature	<i>Derrick Reid</i>	Date	1-22-04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION FEE TRANSMITTAL

First Named Inventor: Simburger et al Attorney Docket Number: D-487 .

Title: Thin Film Solar Cell Inflatable Ultraviolet Rigidizable Deployment Hinge.

Applicant, the inventors and the assignee, claims small entity status.

TOTAL AMOUNT OF PAYMENT: \$465.00

METHOD OF PAYMENT:

- [X] Deposit Account. The Commissioner is authorized to charge applicant's Deposit Account.
Deposit Account Number: 01-0428
Deposit Account Name: The Aerospace Corporation
- [X] Charge fee(s) indicated below.
- [X] Charge any additional fees during the pendency of this application.
- [X] Credit any overpayments.

FEE CALCULATION

[X] Filing Fee Small Entity (Fee Code 2001)	Basic Filing Fee: <u>\$385.00</u>
[] Information Disclosure Statement	IDS Filing Fee: <u>0.00</u>
[] Request for Continued Examination	RCE Filing Fee: <u>0.00</u>
[] Extra Claims Fee for Utility Application	Claim Filing Fee: <u>0.00</u>
[X] The Total Claims are twenty or less, Independent Claims are three or less, and Multiple Dependent Claims are none.	
[X] Assignment Recording Fee	Assignment Fee: <u>80.00</u>
	=====
	TOTAL Fee Paid <u>\$465.00</u>

RESPECTFULLY SUBMITTED BY:

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Signature: Derrick Michael Reid Date: February 3, 2004
Derrick Michael Reid

Addendum

1. Thin Film Solar Cell Inflatable Ultraviolet Rigidizable Deployment Hinge

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXPRESS MAIL CERTIFICATE

First Named Inventor: Simburger et al. Attorney Docket Number: D-487 .

Title: Thin Film Solar Cell Inflatable Ultraviolet Rigidizable Deployment Hinge.

Express Mail Label Number: EU725475151US .

Date of Deposit: February 3, 2004.

Application No.: Unassigned , Group No.: Unassigned .

Filing Date: Unassigned , Examiner: Unassigned .

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE:

I hereby state that the following papers:

Application Transmittal	2 page
Application Fee Transmittal	1 page
Declaration of the Inventor(s)	8 pages
Assignment Transmittal	1 page each
Assignment of Patent Rights	2 pages each
Express Mail Certificate	1 Page
Patent Application	<u>28</u> pages (Specification, Claims, Abstract)
Drawing Sheets	<u>5</u> sheets
Mail Room Return Postcard	<u>1</u> Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 223131450.

Carole Ann Mulchinski

Name of Person mailing the above referenced papers

Carole Ann Mulchinski ,
Signature of person mailing papers

2 , 3 , 04 .
Date of Mailing